

GRANT COUNTY: Key Data Points

- 4 of the 5 infant deaths in Grant county were neonatal deaths
- A significantly lower percentage of women in Grant county are utilizing prenatal care during the first trimester, 70.8% versus 80.6% respectively.
- A significantly higher percentage of women in the county are smoking during pregnancy, compared to the overall state percentage, 24.3% versus 18.5% respectively.
- The percentage of women breastfeeding on discharge in Grant county is less than the state percentage, 57.3% versus 63.2% respectively.
- Grant county observed 30 accidental deaths (16 of which were motor vehicle), 10 suicidal deaths and 6 homicide

Note: All figures relate to 2003 data from the Indiana State Department of Health, unless otherwise specified

Figure 1. Births

	Total		White		Black		Other	
	Number	Crude Rate*	Number	Crude Rate*	Number	Crude Rate*	Number	Crude Rate*
Grant County	799	11.2	725	11.2	67	13.2	7	4.2(U)
INDIANA	86,382	13.9	75,422	13.7	9,288	17.5	1,672	10.6

* births per 1,000 population; U = unstable rate, based on fewer than 20 births

Figure 2. Mortality

		NUMBER				RATE*		
COUNTY OF RESIDENCE	REPORTED RACE/ ETHNICITY	Live Births	Infant Deaths (< 1 yr)	Neonatal Deaths (< 28 days)	Post Neonatal Deaths (28-364 days)	Infant Deaths (< 1 yr)	Neonatal Deaths (< 28 days)	Post Neonatal Deaths (28-364 days)
GRANT	All Races	799	5	4	1	**	**	**
	White	725	4	3	1	**	**	**
	Black	67	1	1	0	**	**	0
	Other	7	0	0	0	0	0	0
	Hispanic	35	0	0	0	0	0	0
INDIANA	All Races	86,382	641	417	224	7.4	4.8	2.6
	White	75,422	479	309	170	6.4	4.1	2.3
	Black	9,288	148	98	50	15.9	10.6	5.4
	Other	1,672	14	10	4	**	**	**
	Hispanic	6,763	38	22	16	5.6	3.3	**

*rate per 1,000 live births **Numerator is less than 20 and the rate is unstable

Figure 3. Outcome Indicators of Mother, by Race

		Birth Weight				During Pregnancy		
GRANT COUNTY	Total Births	% Low (< 2500 grams)	% Very Low (< 1500 grams)	% Preterm †	% PNC 1st Trimester ‡	% Alcohol	% Smoked	% Unmarried Parents
All Races	799	9.1	1.1	12.1	70.8(S)	0.3	24.3(S)	50.1(S)
White	725	9	0.8	12.3	72.7(S)	0	25.1(S)	47.2(S)
Black	67	11.9	4.5	11.9	50.7	3	17.9	83.6

		Birth Weight				During Pregnancy		
INDIANA	Total Births	% Low (< 2500 grams)	% Very Low (< 1500 grams)	% Preterm †	% PNC 1st Trimester ‡	% Alcohol	% Smoked	% Unmarried Parents
All Races	86,382	7.9	1.4	9.9	80.6	0.6	18.5	37.1
White	75,422	7.2	1.2	9.5	82.1	0.6	19.1	32.6
Black	9,288	13.3	3.3	13.3	68.2	1.1	15.2	76.3

† Preterm: less than 37 weeks gestation

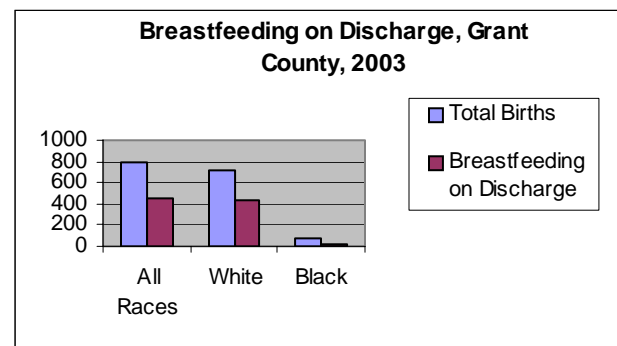
‡ PNC: Prenatal Care

'S' Significantly different than the state percent

*** Outcomes for this county are suppressed due to 20 or fewer total births

Figure 4. Breastfeeding

GRANT COUNTY	All Races	White	Black
Total Births	799	725	67
Breastfeeding on Discharge	458	430	21
% Breastfeeding on Discharge	57.3	59.3	31.3



INDIANA	<i>All Races</i>	<i>White</i>	<i>Black</i>
Total Births	86,382	75,422	9,288
Breastfeeding on Discharge	54,636	49,385	3,959
% Breastfeeding on Discharge	63.2	65.5	42.6

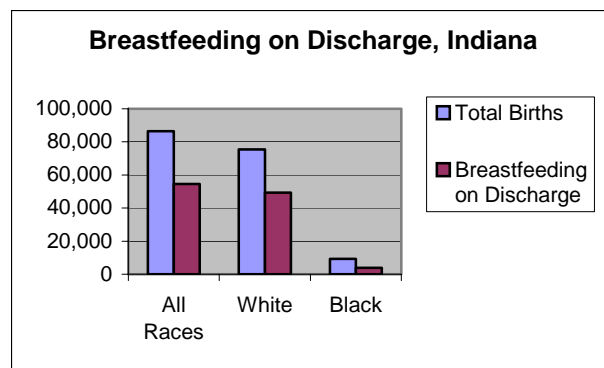


Figure 5. HIV/AIDS

	Total # of AIDS cases reported since 1982	Total # of HIV cases reported since 1985
GRANT COUNTY	63	24
INDIANA	7,641	3,856

*numbers current through June 2005

Figure 6. Nutritional Risk Factors by Status,
Indiana WIC Clinics, Quarter Ending 09/30/2004

Local Agency: Indiana Health Centers, Inc.							
Counties Included: Howard, Cass, Grant, Hamilton, Tipton, Clinton							
Risk Factor or Status	Children 1-5 years of Age					Total	% within Agency
	White	Black	Hispanic	Asian	Other		
Overweight	112	17	71	0	4	204	4.6%
At Risk for becoming Overweight	151	23	64	0	6	244	5.5%
Local Agency: State Wide							
Counties Included: All							
Risk Factor or Status	Children 1-5 years of Age					Total	% within Agency
	White	Black	Hispanic	Asian	Other		
Overweight	1,732	445	800	12	97	3,086	4.8%
At Risk for becoming Overweight	2,023	485	639	11	124	3,282	5.1%

Priority Issues (Grant & Indiana)			
Demographics: Percentage of population enrolled in Medicaid, Percentage of population enrolled in Food Stamps		Grant	Indiana
2	% of Population enrolled in Medicaid as of June 2003	16.2	12.4
3	% of Population in Food Stamps Program, 2004	12.0	8.6
Priority #1 (pregnancy outcomes): Average Infant Mortality Rate, Average Fetal death Rate		Grant	Indiana
1	Av Total Infant Death Rate (1993-2002)	9.7	8.1
2	Average Fetal Death Rate (1994-2003)	7.6	6.7
Priority #2 (reduce barriers): Health Professional Shortage Areas, Percentage of women with prenatal care in first trimester		Grant	Indiana
1	Scores for Primary Care Health Professional Shortage Areas (HPSAs) (2005)	5	NA
2	% PNC 1st Trimester, 2003	70.8	80.6
Priority #4 (environmental): Prevalence of asthma, Childhood lead poisoning		Grant	Indiana
1	Prevalence of Asthma in a Medicaid Cohort of Children age 0-17 years, 2003	11.2	10.4
2	%Estimated Lead Blood Levels (%EBLL) for Children under 6 years old FY 2004-2005	2.4	2.1
Priority #5 (tobacco): Percentage of mothers who smoked during pregnancy, Percentage of Adult Smoking		Grant	Indiana
1	% of mothers Smoked During Pregnancy, 2003	24.3	18.5
2	% of Adult Smoking in 2003	31.9	29.3
Priority #7 (adolescent risk behaviors): Adolescent deaths due to motor vehicle accidents, Chlamydia rates (ages 15-24)		Grant	Indiana
1	Number of Adolescent (15-24) deaths due to Motor vehicle accidents (2001-2003)	9	748
2	Chlamydia rates per 100,000 county specific population (15-24yrs of Age)	1069.9	1541.49
Priority #8 (obesity): Obesity in pregnant women		Grant	Indiana
1	Number of Obese Pregnant Women In Indiana, 2003	6	2,496
Priority #9 (domestic violence, childhood injury): Child deaths due to Injury, Child abuse and neglect rates		Grant	Indiana
1	Child deaths due to Injury 1-14yrs (2001-2003)	2	257
2	Child Abuse and Neglect per 1,000 Population under age 18, 2004	19.4	13.5
Priority #10 (To improve racial and ethnic disparities in women of childbearing age, mothers, and children's health outcomes): Percentage of Hispanic Population of any Race, LBW Disparity Ratio		Grant	Indiana
1	% of Hispanic Population of any Race, July,1,2004	2.7	4.3
2	Low Birth Weight Disparity Ratio (B/W) (1993-2002)	1.70	1.92
Source: Data Analysis Team, ISDH. Notes: 1. NS= Not Stable 2. NA = Not Available 3. Infant Mortality rate and Fetal Death rate is for 1000 live births. 4. Low Birth Weight: Birth Weight Less than 2,500grams. 5. HPSA Score ranges 1 – 25. The higher the score, the higher the need. 6. EBLL: Ten (10) micrograms of lead per deciliter of whole blood for one venous test; %EBLL is based on screening rate of 27% Statewide, unduplicated kids 7. Obesity in Pregnant Women determined by "Concurrent Illness Obesity" checkbox on the birth certificate 8. PNC percentages are calculated using total births in each county.			

Note: The following priorities have been identified for Grant County:

- **Priority # 1:** To decrease high-risk pregnancies, fetal death, low birth weight, infant mortality racial and ethnic disparities in pregnancy outcomes.
- **Priority # 2:** To reduce barriers to access to health care, mental health care and dental care for pregnant women, infants, children, children with special health care needs, adolescents, women and families.
- **Priority # 4:** To reduce morbidity and mortality rates from environmentally related health conditions including asthma, lead poisoning and birth defects.
- **Priority # 5:** To decrease tobacco use in Indiana.
- **Priority # 10:** To improve racial and ethnic disparities in women of childbearing age, mothers, and children's health outcomes.